

45329. × CASTANEA NEGLECTA Dode. Fagaceæ.**Hybrid chestnut.**

From Madison County, Va. Presented by Mr. Daniel Grinnan, Richmond.
Received October 29, 1917.

"One of these hybrids (*Castanea pumila* × *dentata*) was discovered some 40 years ago in Madison County, Va., on the Rapidan River. It was preserved and now stands in a pasture. The tree is quite large and vigorous, about 40 or 50 feet high, and nearly 2 feet in diameter near the ground. It bears a large crop of nuts like the chinquapin, but somewhat larger." (*Grinnan*.)

45330 to 45342. CASTANEA spp.

From Bell, Md. Seeds presented by Dr. W. Van Fleet. Received October 29, 1917. Quoted notes by Dr. Van Fleet, unless otherwise indicated.

45330 to 45337. CASTANEA CRENATA Sieb. and Zucc. Fagaceæ. Chestnut.

45330. No. 1. "Cross within species. Third generation of variety selection. From Arlington Farm, Va."

45331. No. 12. "Cross within species. Third generation of variety selection. From Arlington Farm, Va. Same as S. P. I. No. 45330, but from a different tree."

45332. No. 1-a. "Fourth generation. Mixed lots of seed too small to be separated. Grown at Bell, Md."

45333. No. 1-d. "Mixed stock from Arlington Farm, Va. Variable in size."

45334. Bell No. 1. "Fourth generation by straight selection. Started by a variety cross between two early prolific types of *Castanea crenata*. A very large nut, with good cooking qualities, but poor eating qualities when raw. The tree has a good habit; the trunk is clean and bright, with thin handsome branches and very narrow leaves."

45335. Bell No. 2. "Fourth generation by selection. Tree about 7 feet high, with clean limbs. It is a prolific bearer. The fruit is very large and is good for cooking, but not for eating when raw. It is more bitter than S. P. I. No. 45334."

45336. Bell No. 3. "Fourth generation. Much like S. P. I. No. 45335."

45337. Bell No. 4. "Fourth generation by selection. The trees have very much the same habit as S. P. I. Nos. 45334 to 45336, and the nuts are about the same size—very large. The nuts have good eating qualities and are better than those of the numbers referred to above."

45338. CASTANEA MOLLISSIMA Blume. Fagaceæ.**Chestnut.**

This is the common chestnut of China. It is distributed from the neighborhood of Peking in the northeast to the extreme limits of Szechwan and Yunnan in the west and southwest. Near villages and towns, where the woody vegetation is continually cut down to furnish fuel, this chestnut is met with as a bush or a low scrub; but in the thinly populated areas it is a tree from 15 to 20 meters tall, with a trunk from 1.5 to 2 meters in girth. The nuts are a valued article of food. The Chinese name for this chestnut is Pan-li. (Adapted from *Sargent, Plantae Wilsonianae*, vol. 3, p. 194.)